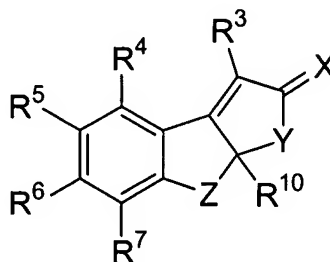


AMENDMENTS TO THE CLAIMS:

The listing of the claims which follows replaces any and all prior versions and/or listings of the claims in the application.

1. (currently amended) A compound of the formula:



wherein X is O, N-OR^a, N-NR^aR^b or C₁₋₆-alkylidene, wherein said alkylidene group is unsubstituted or substituted with a group selected from hydroxy, amino, O(C₁₋₄alkyl), NH(C₁₋₄alkyl), or N(C₁₋₄alkyl)₂;

or X represents the following two singly bonded substituents, H and OR^a;

Y is CR¹R², CH₂CR¹R², CH₂CH₂CR¹R² or CH₂CR¹R²CH₂;

Z is CH₂ or CH₂CH₂CR⁸R⁹, CR⁸R⁹CH₂ or CR¹¹=CR¹², and with the proviso that Y can not be CH₂CR¹R² when Z is CR⁸R⁹;

R¹ is hydrogen, C₁₋₆alkyl, C₁₋₃alkyl, C₂₋₆alkenyl or C₂₋₆alkynyl, wherein said alkyl, alkenyl and alkynyl groups are either unsubstituted or substituted with a group selected from OR^e, SR^e, NR^bR^e, C(=O)R^e, C(=O)CH₂OH, or phenyl, wherein said phenyl group can either be unsubstituted or substituted with 1-3 substituents independently selected from C₁₋₄alkyl, OH, O(C₁₋₄alkyl), NH₂, NH(C₁₋₄alkyl), N(C₁₋₄alkyl)₂, halo, CN, NO₂, CO₂H, CO₂(C₁₋₄alkyl), C(O)H or C(O)(C₁₋₄alkyl);

R² is hydrogen, hydroxy, iodo, O(C=O)R^e, C(=O)R^e, CO₂R^e, or C₁₋₆alkyl, C₃alkyl, C₂₋₆alkenyl or C₂₋₆alkynyl, wherein said alkyl, alkenyl and alkynyl groups are either unsubstituted or substituted with a group selected from OR^e, SR^e, NR^bR^e, C(=O)R^e, C(=O)CH₂OH, or phenyl, wherein said phenyl group can either be unsubstituted or substituted with 1-3 substituents independently selected from C₁₋₄alkyl, OH, O(C₁₋₄alkyl), NH₂, NH(C₁₋₄alkyl), N(C₁₋₄alkyl)₂, halo, CN, NO₂, CO₂H, CO₂(C₁₋₄alkyl), C(O)H or C(O)(C₁₋₄alkyl);

or R^1 and R^2 , when taken together with the carbon atom to which they are attached, form a carbonyl group;

~~or R^1 and R^2 , when taken together, form a C_{1-6} alkylidene group, wherein said alkylidene group is either unsubstituted or substituted with a group selected from hydroxy, $O(C_{1-4}alkyl)$, $N(C_{1-4}alkyl)_2$ or phenyl, wherein said phenyl group can either be unsubstituted or substituted with 1-3 substituents independently selected from $C_{1-4}alkyl$, OH, $O(C_{1-4}alkyl)$, NH_2 , $NH(C_{1-4}alkyl)$, $NH(C_{1-4}alkyl)_2$, halo, CN, NO_2 , CO_2H , $CO_2(C_{1-4}alkyl)$, $C(O)H$ or $C(O)(C_{1-4}alkyl)$;~~

R^3 is hydrogen, fluoro, chloro, bromo, iodo, cyano, nitro, NR^aR^e , OR^a , $C(=O)R^a$, CO_2R^e , $CONR^aR^e$, SR^a , $S(=O)R^a$, SO_2R^a , $C_{1-10}alkyl$, $C_{2-10}alkenyl$, $C_{2-10}alkynyl$, $C_{3-7}cycloalkyl$, $C_{5-7}cycloalkenyl$, 4-7 membered heterocycloalkyl, (cycloalkyl)alkyl, (heterocycloalkyl)alkyl, aryl, or heteroaryl, arylalkyl or (heteroaryl)alkyl, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aryl and heteroaryl groups are either unsubstituted or independently substituted with 1, 2 or 3 groups selected from fluoro, chloro, bromo, iodo, cyano, OR^a , NR^aR^e , $O(C=O)R^a$, $O(C=O)NR^aR^e$, $NR^a(C=O)R^e$, $NR^a(C=O)OR^e$, $C(=O)R^a$, CO_2R^a , $CONR^aR^e$, $CSNR^aR^e$, SR^a , $S(O)R^a$, SO_2R^a , $SO_2NR^aR^e$, LR^d or MLR^d ;

R^4 is hydrogen, hydroxy or fluoro;

R^5 is hydrogen, hydroxy, amino, methyl, CF_3 , or fluoro, chloro or bromo;

R^6 is hydrogen, fluoro, chloro, methyl, amino, OR^a , OR^b , or $O(C=O)R^c$, $O(C=O)OR^e$, $NH(C=O)R^e$ or $NH(C=O)OR^e$;

R^7 is hydrogen, OR^b , NR^bR^e , fluoro, chloro, bromo, iodo, cyano, nitro, $C_{1-6}alkyl$, $C_{2-6}alkenyl$, CF_3 or CHF_2 or methyl;

R^8 and R^9 are each independently selected from hydrogen, fluoro, chloro, $C_{1-6}alkyl$, $C_{2-6}alkenyl$ or $C_{2-6}alkynyl$;

~~or R^8 and R^9 , when taken together with the carbon atom to which they are attached, form a 3-5 membered cycloalkyl ring; or R^8 and R^9 , when taken together with the carbon atom to which they are attached, form a carbonyl group;~~

R^{10} is hydrogen, $C_{1-10}alkyl$, $C_{2-10}alkenyl$, $C_{2-10}alkynyl$, $C_{3-6}cycloalkyl$, $C_{4-6}cycloalkenyl$, or (cycloalkyl)alkyl, (cycloalkyl)alkenyl, (cycloalkenyl)alkyl, aryl, heteroaryl, arylalkyl or (heteroaryl)alkyl, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, (cycloalkyl)alkyl, (cycloalkyl)alkenyl,

(cycloalkenyl)alkyl, aryl, heteroaryl, arylalkyl and (heteroaryl)alkyl groups are optionally substituted with a group selected from bromo, iodo, cyano, OR^b , SR^b , $C(=O)R^b$, 1-3 C_{1-3} alkyl, 1-3 chloro or 1-5 fluoro, or R^{10} and R^{11} , when taken together with the two to four intervening carbon atoms to which they are attached, form a 5-6 membered cycloalkyl or cycloalkenyl ring which is optionally substituted with 1-3 groups independently selected from oxo, hydroxy, fluoro, chloro, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkylidenyl, C_{3-6} cycloalkyl, (cycloalkyl)alkyl, phenyl, or phenylalkyl, wherein said alkyl, alkenyl, alkynyl, alkylidenyl, cycloalkyl, and (cycloalkyl)alkyl, phenyl, and phenylalkyl groups are optionally substituted with a group selected from chloro, bromo, iodo, OR^b , SR^b , C_{1-3} alkyl, $C(=O)R^b$, unsubstituted or substituted with 1-5 fluoro;

R^{11} is hydrogen, fluoro and C_{1-4} alkyl;

R^{12} is hydrogen, fluoro and C_{1-4} alkyl;

R^a is hydrogen, C_{1-10} alkyl, and phenyl, wherein said alkyl group is optionally substituted with a group selected from hydroxy, amino, $O(C_{1-4}$ alkyl), $NH(C_{1-4}$ alkyl), $N(C_{1-4}$ alkyl)₂, phenyl, or 1-5 fluoro, and wherein said phenyl groups can either be unsubstituted or substituted with 1-3 substituents independently selected from C_{1-4} alkyl, OH, $O(C_{1-4}$ alkyl), NH_2 , $NH(C_{1-4}$ alkyl), $N(C_{1-4}$ alkyl)₂, halo, CN, NO_2 , CO_2H , $CO_2(C_{1-4}$ alkyl), $C(O)H$ or $C(O)(C_{1-4}$ alkyl);

R^b is hydrogen, C_{1-10} alkyl, benzyl or phenyl, wherein said phenyl group can either be unsubstituted or substituted with 1-3 substituents independently selected from C_{1-4} alkyl, OH, $O(C_{1-4}$ alkyl), NH_2 , $NH(C_{1-4}$ alkyl), $N(C_{1-4}$ alkyl)₂, halo, CN, NO_2 , CO_2H , $CO_2(C_{1-4}$ alkyl), $C(O)H$ or $C(O)(C_{1-4}$ alkyl);

R^c is hydrogen, C_{1-10} alkyl or phenyl, wherein said phenyl group can either be unsubstituted or substituted with 1-3 substituents independently selected from C_{1-4} alkyl, OH, $O(C_{1-4}$ alkyl), NH_2 , $NH(C_{1-4}$ alkyl), $N(C_{1-4}$ alkyl)₂, halo, CN, NO_2 , CO_2H , $CO_2(C_{1-4}$ alkyl), $C(O)H$ or $C(O)(C_{1-4}$ alkyl);

or R^a and R^c , whether or not on the same atom, can be taken together with any attached and intervening atoms to form a 4-7 membered ring;

R^d is NR^bR^c , OR^a , CO_2R^a , $O(C=O)R^a$, CN, $NR^c(C=O)R^b$, $CONR^aR^c$, $SO_2NR^aR^c$ or a 4-9 membered mono- or bi-cyclic N-heterocycloalkyl ring that can be optionally substituted with 1-3 C_{1-3} alkyl and can be optionally interrupted by O, S, NR^c , or $C=O$;

R^c is hydrogen, C_{1-6} alkyl, C_{2-6} alkenyl, phenyl or phenylalkyl, wherein said alkyl, alkenyl, or phenyl group can either be unsubstituted or substituted with 1-3 substituents independently selected from C_{1-3} alkyl, OH, $O(C_{1-4}$ alkyl), NH_2 , $NH(C_{1-4}$ alkyl), $N(C_{1-4}$ alkyl) $_2$, halo, CN, NO_2 , CO_2H , $CO_2(C_{1-4}$ alkyl), $C(O)H$ or $C(O)(C_{1-4}$ alkyl);

L is CR^bR^c , C_{2-6} alkylene or C_{2-6} alkenylene, wherein said alkylene and alkenylene linkers can be optionally interrupted by O, S, or NR^c ;

M is O, S, NR^c , $C=O$, $O(C=O)$, $(C=O)O$, $NR^c(C=O)$ or $(C=O)NR^c$; or a pharmaceutically acceptable salt thereof.

2. (canceled).

3. (canceled).

4. (currently amended) The compound of Claim 3-1 wherein ~~X is O~~;

Y is CH_2 or $CH_2CH_2CH_2$;

R^1 is hydrogen;

R^2 is hydrogen;

R^3 is chloro, bromo, cyano, methyl, ethyl, trifluoromethyl, cyclopropyl, phenyl, furyl or thienyl;

R^6 is hydroxy;

R^8 and R^9 are each hydrogen;

an or a pharmaceutically acceptable salt thereof.

5. (original) The compound of Claim 1 selected from the group consisting of:

3-bromo-8a-butyl-6-hydroxy-8,8a-dihydrocyclopenta[a]inden-2(1*H*)-one;

(*rac*)-(1*S*,8*aR*)-3-bromo-8a-butyl-6-hydroxy-1-propyl-8,8a-dihydrocyclopenta[a]inden-2(1*H*)-one;

1,3a-diethyl-7-hydroxy-3,3a,4,5-tetrahydro-2*H*-cyclopenta[a]naphthalen-2-one;

3a-butyl-7-hydroxy-3,3a,4,5-tetrahydro-2*H*-cyclopenta[a]naphthalen-2-one;

1,6-dibromo-3a-butyl-7-hydroxy-3,3a,4,5-tetrahydro-2*H*-cyclopenta[a]naphthalen-2-one;

1-bromo-3a-butyl-7-hydroxy-3,3a,4,5-tetrahydro-2*H*-cyclopenta[a]naphthalen-2-one;

6-bromo-3a-butyl-7-hydroxy-1-methyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[a]naphthalen-2-one;

3a-butyl-7-hydroxy-1,6-dimethyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
3a-butyl-7-hydroxy-1-methyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
1-bromo-3a-butyl-6-chloro-8-fluoro-7-hydroxy-3,3a,4,5-tetrahydro-2*H*-
cyclopenta[*a*]naphthalen-2-one;
10a-butyl-7-hydroxy-1,9,10,10a-tetrahydro-3(2*H*)-phenanthrenone;
4-bromo-10a-butyl-7-hydroxy-1,9,10,10a-tetrahydro-3(2*H*)-phenanthrenone;
9a-butyl-2-hydroxy-5-methyl-8,9,9a,10-tetrahydrobenzo[*a*]azulen-6(7*H*)-one;
1-bromo-7-hydroxy-3a-methyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
7-hydroxy-1,3a-dimethyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
1,6-dibromo-7-hydroxy-3a-methyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
6-bromo-7-hydroxy-1,3a-dimethyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
1-bromo-3a-ethyl-7-hydroxy-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
3a-ethyl-7-hydroxy-1-methyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
1,6-dibromo-3a-ethyl-7-hydroxy-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
1-bromo-7-hydroxy-3a-propyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
7-hydroxy-1-methyl-3a-propyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
1,6-dibromo-7-hydroxy-3a-propyl-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
1-bromo-6-chloro-3a-ethyl-7-hydroxy-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
one;
1-bromo-3a-butyl-6-chloro-7-hydroxy-3,3a,4,5-tetrahydro-2*H*-cyclopenta[*a*]naphthalen-2-one;
one;

and the pharmaceutically acceptable salts thereof.

6. (original) A pharmaceutical composition comprising a compound according to Claim 1 and a pharmaceutically acceptable carrier.

7. (original) A pharmaceutical composition made by combining a compound according to Claim 1 and a pharmaceutically acceptable carrier.

8. (original) A process for making a pharmaceutical composition comprising combining a compound according to Claim 1 and a pharmaceutically acceptable carrier.